

Engine Information - Field Definition and Validation Requirements

This guide provides definitions for the information required for initial fleet reporting in compliance with the In-Use Off-road Diesel Vehicle Regulation.

The table below provides a description for each field, followed by the formatting that our online reporting tool DOORS will require to accept the information.

Note: You will only be able to enter engine information if you have already entered the vehicle information.

Please see the below example of a correctly filled out engine information spreadsheet

| | | | | |
|---------------------------------|---------------------------|-----------------|---------------------|--------------|
| DOORS ID: | | 15230 | | |
| Vehicle serial # (VIN)/(PIN) | Your Veh ID (optional) | Engine serial # | Engine manufacturer | Engine model |
| HGE46292321F37 | 120 | RFG281928239 | CHALLENGER | 390 XL |

| Field | Definition | Validation |
|-----------------------------------|--|--|
| DOORS ID | The DOORS ID is an identifying number that ARB assigns to a fleet, or portion of a fleet that is reported individually. For spreadsheet uploads, this ID is assigned after the owner spreadsheet is uploaded. When you first fill out the owner information, this field should be left blank. After uploading the owner spreadsheet to ARB, the DOORS ID number will be assigned, and you will need to place insert the DOORS ID number into this field before creating upload spreadsheets with vehicle, engine, and VDECS information. | Automatically filled A valid DOORS ID number Left justified |
| Vehicle serial # (VIN) / (PIN) | When entering engine information, this field should be automatically filled in. | Automatically filled 3-18 characters Left justified |

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|------------------------|---|---|
| Your Veh ID (optional) | If you supplied a personal identifier for you vehicle when you entered the vehicle information, it will be shown here. | Automatically filled 0-9 characters Left justified |
| Engine Serial # | The engine serial number is different from the vehicle serial number, and should be available on the engine label, a bill of sale, or other records. Engine serial numbers may not repeat. If you have repeating serial numbers, or your serial number is too long or short to fit in this field, see the FAQ section on our reporting homepage. | 3-18 Characters Left justified |
| Engine Manufacturer | The Engine manufacturer field has a dropdown menu with 96 engine manufacturers listed. Check the different variations of your manufacturer name. For example, if you do not find "Dresser", look for "Komatsu Dresser Corporation". If your engine manufacturer is not listed, choose "OTHER" | Dropdown menu field Left justified |
| Engine Model | The engine model should be listed on the engine label. | 2-15 characters Left justified |

| Engine family | Model year | Max hp | Displacement (liters) | Date Repower (if any) | Post 2007 Flex | Rebuild to higher standard |
|---------------|------------|--------|-----------------------|-----------------------|----------------|----------------------------|
| 3KLXL0359AAB | 2003 | 340 | 5.5 | yyyy-mm-dd | No | No |

| Field | Definition | Validation |
|---------------|--|--|
| Engine family | Engines produced after the Tier 1 emission standards took effect (approximately in 1996 for most horsepower groups) were given an engine family name. This should be available on the engine label, or from your local equipment dealer. This information will help determine which retrofits may be used on your equipment. | 4-15 characters Left justified |
| Model year | The engine model year is determined by the annual new model production period | Dropdown menu field 1969 to 2010 |

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| | <p>during which the engine was produced. This is explained in our FAQ section on engine model years.</p> <p>For engines older than 1969, or an engine with an uncertain age, use 1969.</p> | Left justified |
| Max hp | <p>This refers to the net horsepower or net flywheel power. If the net horsepower is not available, an alternate horsepower listed in manuals, sales literature, or listed on the engine label, may be used. Include umbers only, do not list this as “250HP”</p> | <p>25-2000 Numbers only, do not list this as “250HP” Right justified</p> |
| Displacement (liters) | <p>The displacement of the engine cylinders in liters. If the displacement is below .5 liters, use .5 liters. Include umbers only, do not list this as “5.6L”</p> | <p>.5 to 200 Numbers only, do not list this as “5.6L” Right justified</p> |
| Date Repower (if any) | <p>If the engine was repowered, the date the repower took place. Do not put in the date that the engine was manufactured – list that as the engine model year.</p> | <p>yyyy-mm-dd Ex. 2003-11-23 Right justified</p> |
| Post 2007 Flex | <p>Was the engine certified on or after January 1, 2007 to the implementation flexibility standards in title 13, CCR, section 2423(d). Such flexibility engines are generally labeled as follows by the engine manufacturer:</p> <p>“THIS ENGINE COMPLIES WITH CALIFORNIA EMISSION REQUIREMENTS UNDER 13 CCR 2423(d)...”</p> <p>or</p> <p>“THIS ENGINE CONFORMS TO CALIFORNIA OFF-ROAD COMPRESSION-IGNITION ENGINE REGULATIONS UNDER 13 CCR, 2423(d).”</p> <p>Post-2007 flexibility engines should use the emission standard to which the engine is certified. You will be able to enter the information on the emissions standard at a</p> | <p>Yes or No Left justified</p> |

| | | |
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| | later date. | |
| Rebuild to higher standard | If the engine was rebuilt to a higher standard and the owner has the records detailed in section 2449(h)(3) of the regulation, they may claim credit for the rebuild in this field. You will be able to enter the information for the standard to which the engine was rebuilt at a later date. | Yes or No Left justified |